AMENDMENTS

IN THE CLAIMS:

Please amend claims 1, 6, 8-13, 15, 17-18, 21-29, 31-37, and add new claims 40-45 as follows:

1. (Currently Amended) A system configured to create a wireless network near a surface, comprising:

an information receiving logic configured to receive an information signal;

a driven element configured to transmit an outbound information signal at a predetermined power and a predetermined frequency that create a transmission zone that is ~~less than forty eight inches in a plane~~ restrictively ranged proximate to at least a portion of the surface; and

a transmission line configured to facilitate transferring a first intermediate signal, from which the outbound information signal is derived, from the information receiving logic to the driven element~~;~~

~~wherein at least one of the information receiving logic, the driven element, and the transmission line are integrated into a PVLAN-space element comprising one of a structure and a piece of furniture~~.

2. (Previously Presented) The system of claim 1, comprising a shield configured to mold the transmission zone.

3. (Previously Presented) The system of claim 2, the transmission zone molded to be smaller than a PVLAN environment within which the system is located.

4. (Previously Presented) The system of claim 2, the shield being frequency non-specific.

5. (Previously Presented) The system of claim 3, the shield being frequency non-specific.

6. (Currently Amended) The system of claim 2, the molded transmission zone being substantially spherical.

7. (Previously Presented) The system of claim 3, the molded zone being substantially spherical.

8. (Currently Amended) The system of claim 4, the molded transmission zone being substantially spherical.

9. (Currently Amended) The system of claim 1, the system configured to transmit the outbound information signal to an electronic device substantially ~~residing~~ positioned within the transmission zone, and the predetermined power of the outbound information signal being substantially less than a power of an outbound signal transmitted from the electronic device.

10. (Currently Amended) The system of claim 1, at least a portion of the ~~PVLAN-space element~~ surface comprising one or more of[[,]] a desktop, a tabletop, a desk, a table, a wall, a ceiling, a floor, a door, a window, a kiosk surface, a work surface, an airplane seat, an airplane seat-back, an airplane tray-table, an automobile interior, medical furniture, a medical enclosure, and a cabinet.

11. (Currently Amended) The system of claim 2, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the molded transmission zone is located.

12. (Currently Amended) The system of claim ~~3~~2, the molded transmission zone being less than twenty four inches in a ~~the~~ plane and substantially discontinuous from a space a user's body occupies when operating in an environment within which the molded transmission zone is located.

13. (Currently Amended) The system of claim 4, the molded transmission zone being less than twenty four inches in a plane and substantially discontinuous from a space a user's body occupies when operating in an environment within which the molded transmission zone is located.

14. (Previously Presented) The system of claim 5, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located.

15. (Currently Amended) The system of claim 6, the molded transmission zone being less than twenty four inches in a plane and substantially discontinuous from a space a user's body occupies when operating in an environment within which the molded transmission zone is located.

16. (Previously Presented) The system of claim 7, the molded transmission zone being substantially discontinuous from a space a user's body occupies when operating in an environment within which the zone is located.

17. (Currently Amended) The system of claim 8, the molded transmission zone being less than twenty four inches in a plane and substantially discontinuous from a space a user's body occupies when operating in an environment within which the molded transmission zone is located.

18. (Currently Amended) The system of claim 9, the transmission zone being less than twenty four inches in a plane and substantially discontinuous from a space a user's body occupies when operating in an environment within which the transmission zone is located.

19. (Previously Presented) The system of claim 1, comprising a plurality of driven elements configured to create a plurality of transmission zones.

20. (Previously Presented) The system of claim 19, comprising a plurality of shields configured to mold the plurality of transmission zones.

21. (Currently Amended) The system of claim 20, the transmission zones molded so as not to substantially overlap one another.

22. (Currently Amended) The system of claim ~~7~~8, comprising two or more shields configured to abate at least a portion of the molded transmission zone.

23. (Currently Amended) The system of claim ~~16~~17, the shield arranged within a ~~PVLAN-space element work-~~surface and configured to abate at least a portion of the transmission zone so that the transmission zone does not extend below the ~~PVLAN-space element work-~~surface at which a user may be seated ~~when interacting with an electronic device~~ within the unabated portion of the zone.

24. (Currently Amended) The system of claim 2, the molded transmission zone not coextensive with an environment within which the transmission zone is located.

25. (Currently Amended) The system of claim 2, the molded transmission zone not coextensive with the entirety of an environment within which the transmission zone is located.

26. (Currently Amended) The system of claim 1, at least one of the information receiving logic, the driven element, and the transmission line ~~concealed by virtue of being~~ integrated into ~~a PVLAN-space element~~ the surface.

27. (Currently Amended) The system of claim 18, at least one of the information receiving logic, the driven element, and the transmission line ~~concealed by virtue of being~~ integrated into ~~a PVLAN-space element~~ the surface.

28. (Currently Amended) The system of claim 23, at least one of the information receiving logic, the driven element, and the transmission line ~~concealed by virtue of being~~ integrated into ~~a PVLAN-space element~~ the surface.

29. (Currently Amended) The system of claim 23, comprising an effective zone indicator located on the ~~PVLAN-space element work-~~surface and configured to visually ~~illustrate~~ indicate a boundary associated with the unabated portion of the transmission zone.

30. (Previously Presented) The system of claim 1, the information receiving logic, the driven element, and the transmission line are all integrated into a single PVLAN-space element.

31. (Currently Amended) The system of claim 18, comprising:

an effective zone indicator located on the surface and configured to visually ~~illustrate~~ indicate a boundary associated with the transmission zone~~, and the outbound information signal is transmitted with a power that is less than about 1/48th of the power of the outbound signal transmitted from the electronic device~~.

32. (Currently Amended) The system of claim 20, comprising a plurality of effective zone indicators located on ~~one or more PVLAN-space element~~ the surface~~s~~ and configured to visually ~~illustrate~~ indicate respective boundaries of the transmission zones.

33. (Currently Amended) A method of creating a wireless network near a surface, comprising:

receiving an information signal;

selectively deriving an intermediate signal from the information signal;

selectively relaying the intermediate signal to a driven element;

transmitting an outbound information signal derived from the intermediate signal from the driven element at a ~~designated~~ predetermined power output and ~~designated~~ a predetermined frequency~~, where the combination of designated power and designated frequency produce a limited zone of less than thirty six inches~~ that create a transmission zone that is restrictively ranged proximate to at least a portion of the surface; and

positioning one or more shields to perform one or more of[[,]]: molding the size of the limited transmission zone, molding the shape of the limited transmission zone, protecting the limited transmission zone from RF interference, and limiting interference produced by transmitting the outbound information signal~~;~~

~~the driven element configured to transmit the outbound information signal to an electronic device substantially residing within the limited zone, and the designated power output of the outbound information signal being substantially less than a power of an outbound signal transmitted from the electronic device~~.

34. (Currently Amended) The method of claim 33, the information signal comprising one or more of[[,]]: a telephone signal, a computer signal, a facsimile signal, an internet signal, a DSL signal, a broadcast signal, a GPS signal, and a radio signal.

35. (Currently Amended) The method of claim 33, the outbound information signal ~~is~~ transmitted with a power of about 0.01 mW to about 1 mW, and the outbound information signal ~~is~~ transmitted with a power that is less than about 1/48th of the power of the outbound signal transmitted from the electronic device.

36. (Currently Amended) The method of claim 35, the outbound information signal ~~is~~ transmitted with a frequency of about 500 MHz to about 1.5 GHz.

37. (Currently Amended) A piece of furniture, comprising:

an information receiving logic configured to receive an information signal;

a driven element configured to transmit an outbound information signal at a predetermined power and a predetermined frequency that create a transmission zone that is ~~less than forty eight inches in a plane~~ restrictively ranged proximate to at least a portion of the surface;

a transmission line configured to facilitate transferring a first intermediate signal, from which the outbound information signal is derived, from the information receiving logic to the driven element;

a shield configured to perform one or more of[[,]]: molding the transmission zone~~,~~ to at least partially block electromagnetic radiation from entering the transmission zone, and to at least partially block the outbound signal from leaving the transmission zone~~;~~ ~~and~~

~~an override panel configured to provide access to a wired connection by which the information signal can be received;~~

~~where the information receiving logic, the driven element, the transmission line, the override panel, and the shield are integrated into the piece of furniture~~.

38. (Previously Withdrawn) A method of altering a piece of furniture, comprising:

providing a shielding material configured to affect the transmission of electromagnetic radiation; and

integrating the shielding material into the piece of furniture.

39. (Previously Withdrawn) The method of claim 38, comprising:

providing a driven element configured to transmit a PVLAN signal by electromagnetic radiation; and

integrating the driven element into the piece of furniture.

40. (New) The system of claim 1, the driven element configured to transmit the outbound information signal extending outward from at least a portion of the surface.

41. (New) The system of claim 9, the outbound information signal transmitted with a power of about 0.01 mW to about 1 mW, and the outbound information signal transmitted with a power that is less than about 1/48th of the power of the outbound signal transmitted from the electronic device.

42. (New) The system of claim 19, the at least two transmission zones comprising one wireless network.

43. (New) The method of claim 33, transmitting the outbound information signal comprising: transmitting the outbound information signal extending outward from at least a portion of the surface.

44. (New) The piece of furniture of claim 37, the driven element configured to transmit the outbound information signal extending outward from at least a portion of the surface.

45. (New) A system configured to create a wireless network near a surface to an electronic device substantially positioned within the transmission zone, at least a portion of the surface comprising one or more of a desktop, a tabletop, a desk, a table, a wall, a ceiling, a floor, a door, a window, a kiosk surface, a work surface, an airplane seat, an airplane seat-back, an airplane tray-table, an automobile interior, medical furniture, a medical enclosure, and a cabinet, the system comprising:

an information receiving logic integrated with the surface and configured to receive an information signal;

at least one driven element integrated with the surface and configured to transmit an outbound information signal at a predetermined power and a predetermined frequency that create a transmission zone that extending outward from at least a portion of the surface and that is restrictively ranged proximate to at least a portion of the surface, the predetermined power of the outbound information signal transmitted with a power that is less than about 1/48th of the power of the outbound signal transmitted from the electronic device;

a transmission line configured to facilitate transferring a first intermediate signal, from which the outbound information signal is derived, from the information receiving logic to the driven element;

. at least one frequency non-specific shield configured to mold the transmission zone into a substantially spherical molded transmission zone that is less than twenty four inches in a plane, that is not coextensive with the environment within which the transmission zone is located, and that is substantially discontinuous from a space a user's body occupies when operating in an environment within which the molded transmission zone is located; and

a plurality of effective zone indicators located on the surface and configured to visually indicate respective boundaries of the molded transmission zone.